

FIG. 1 (Prior Art)

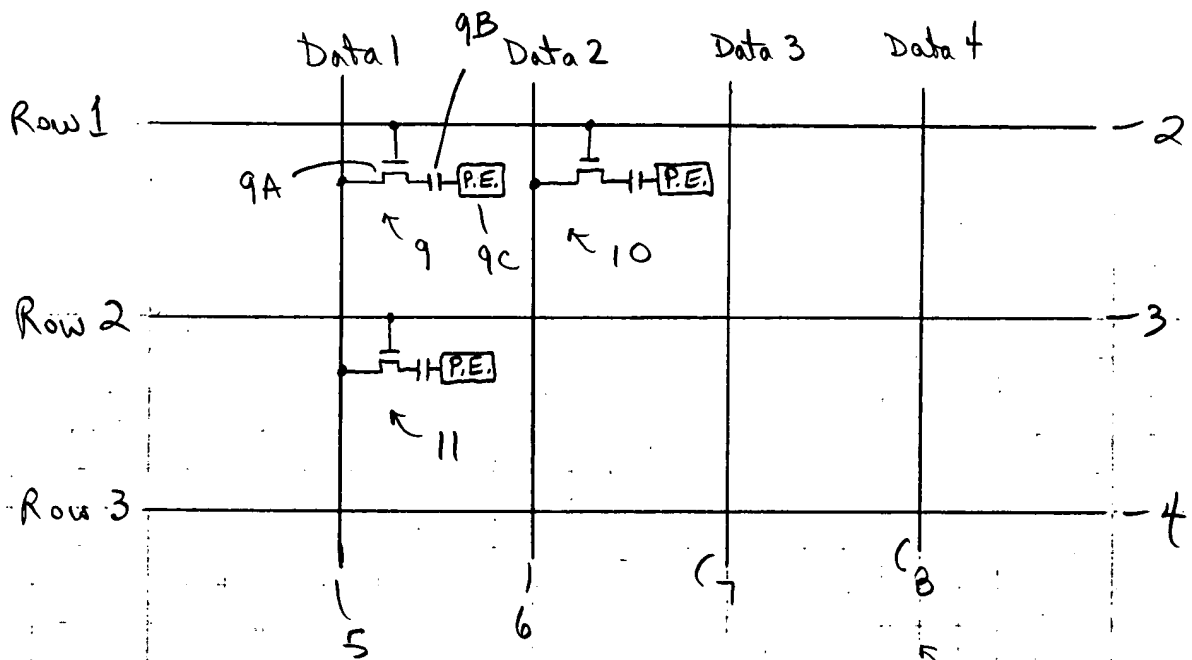


FIG. 2A

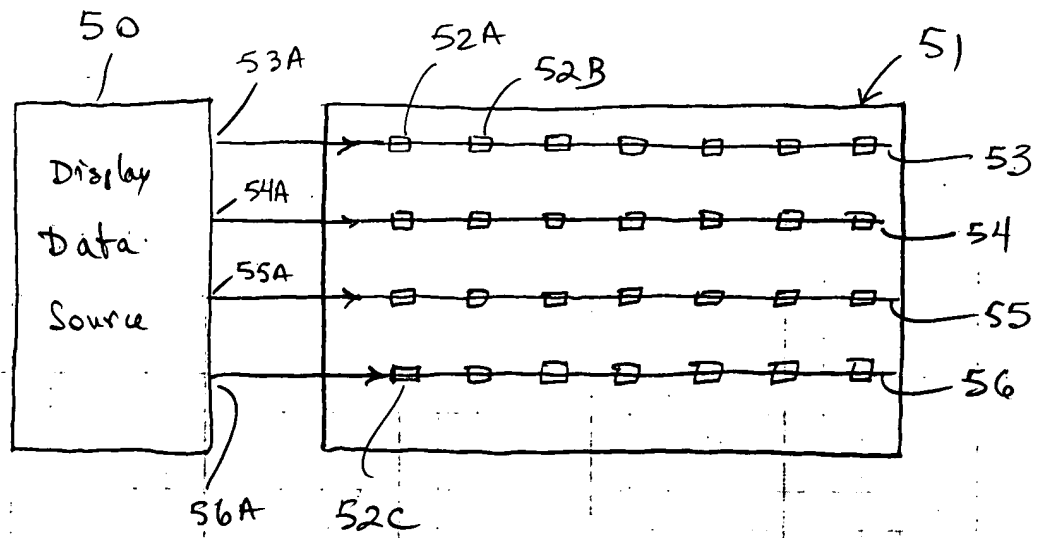
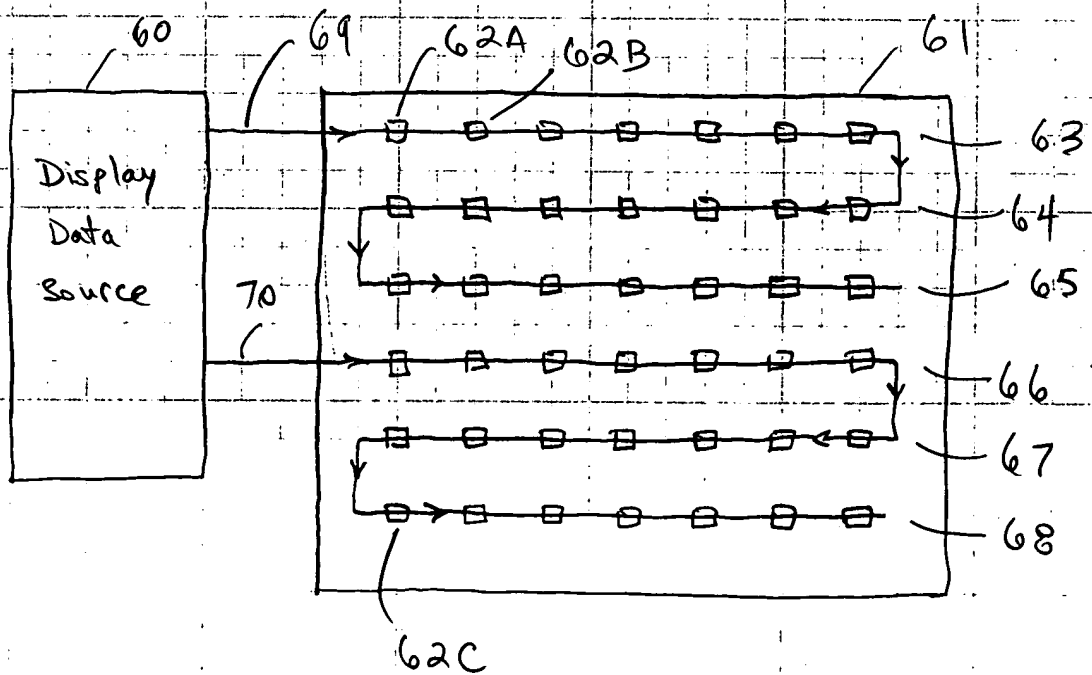


FIG. 2B



pure & radical

[illegible]

FIG. 3A

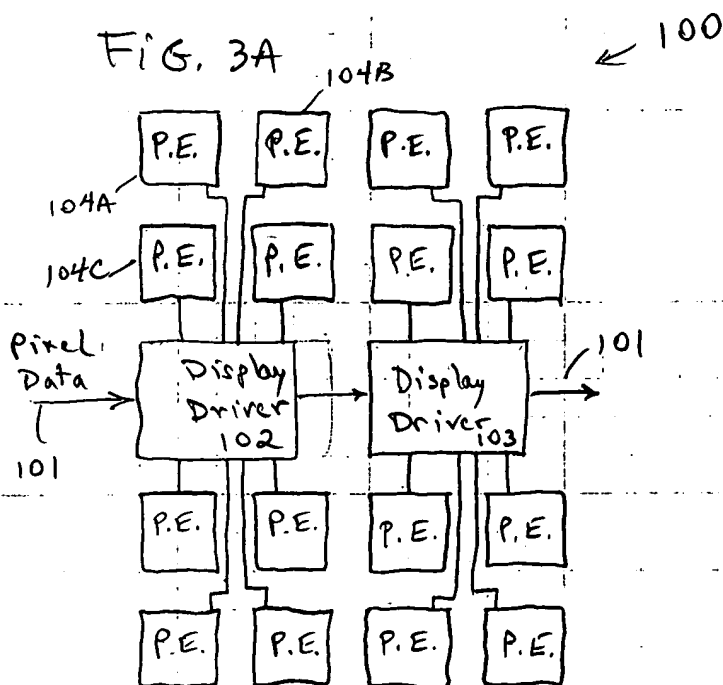


Fig. 3B

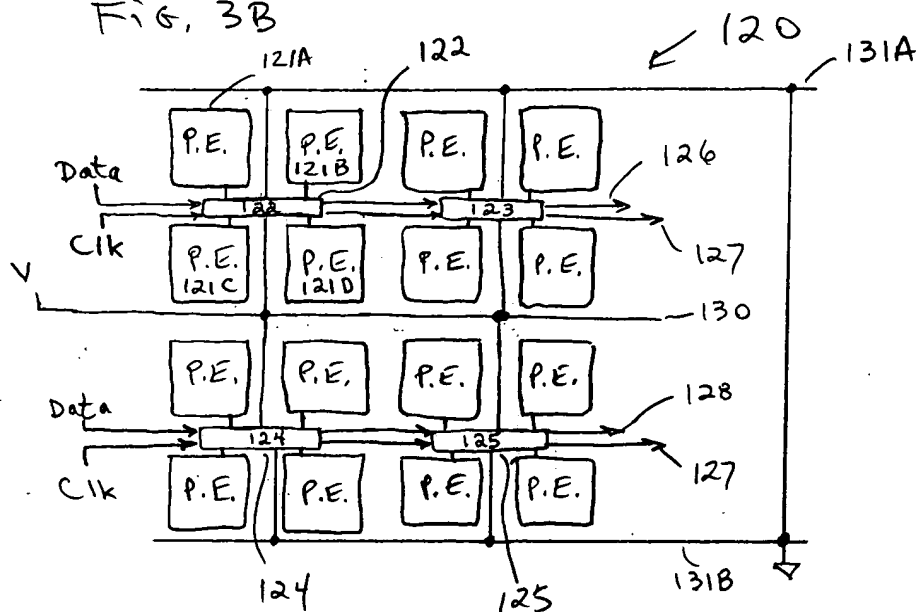
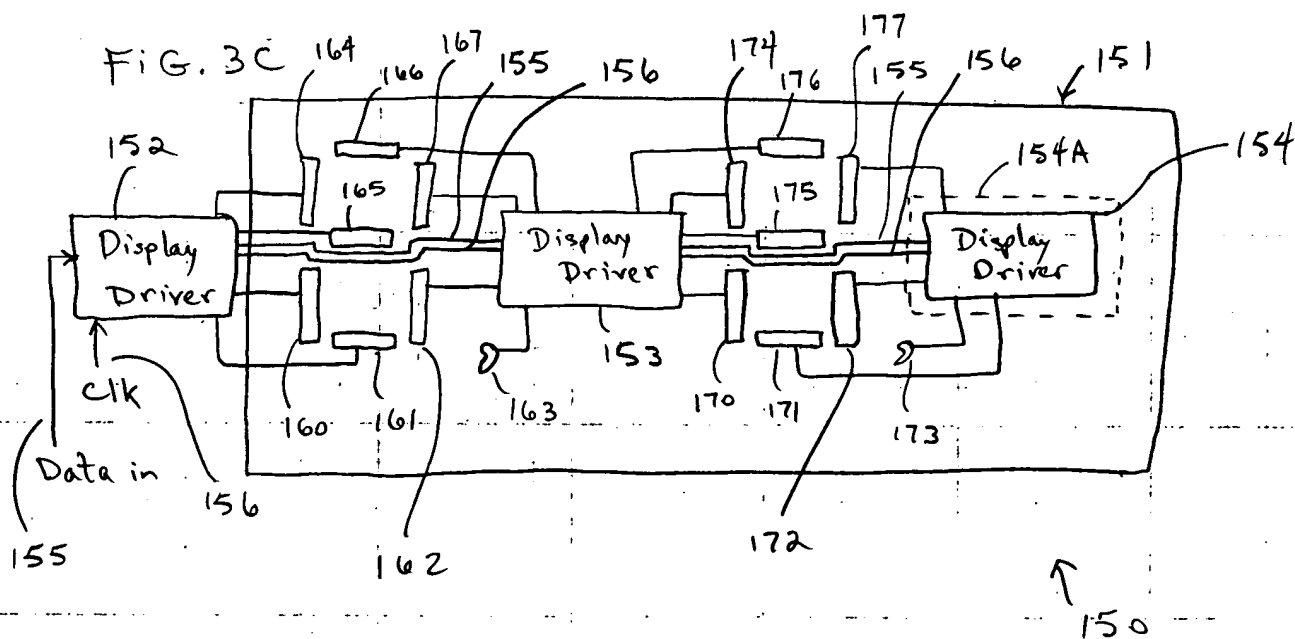


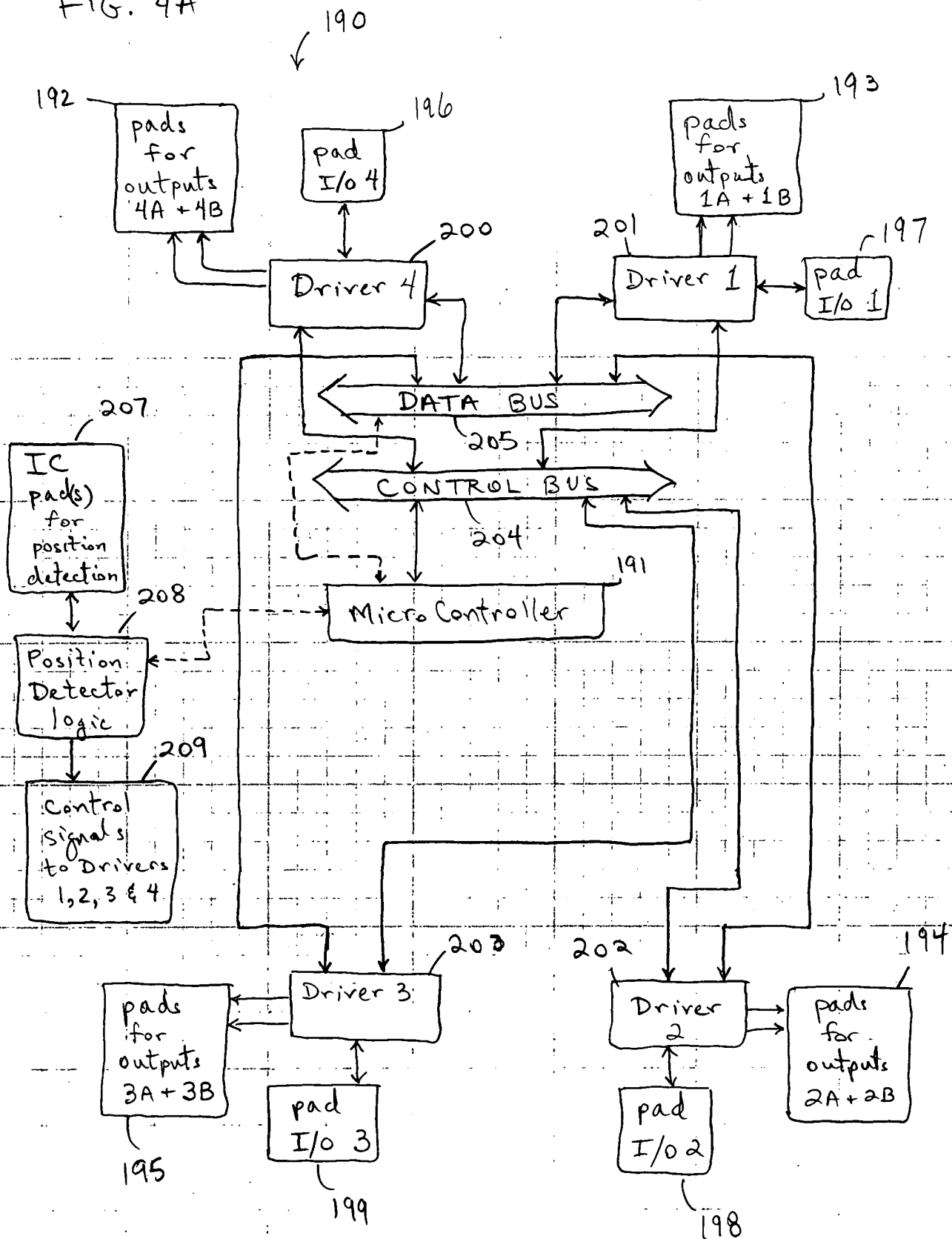
FIG. 3C



[illegible]

13-782	500 SHEETS, FILLER	5 SQUARE
42-381	50 SHEETS EYE-EASE®	5 SQUARE
42-382	100 SHEETS EYE-EASE®	5 SQUARE
42-389	200 SHEETS EYE-EASE®	5 SQUARE
42-392	100 RECYCLED WHITE	5 SQUARE
42-399	200 RECYCLED WHITE	5 SQUARE

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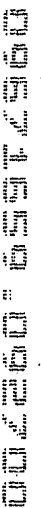


FIG. 4C

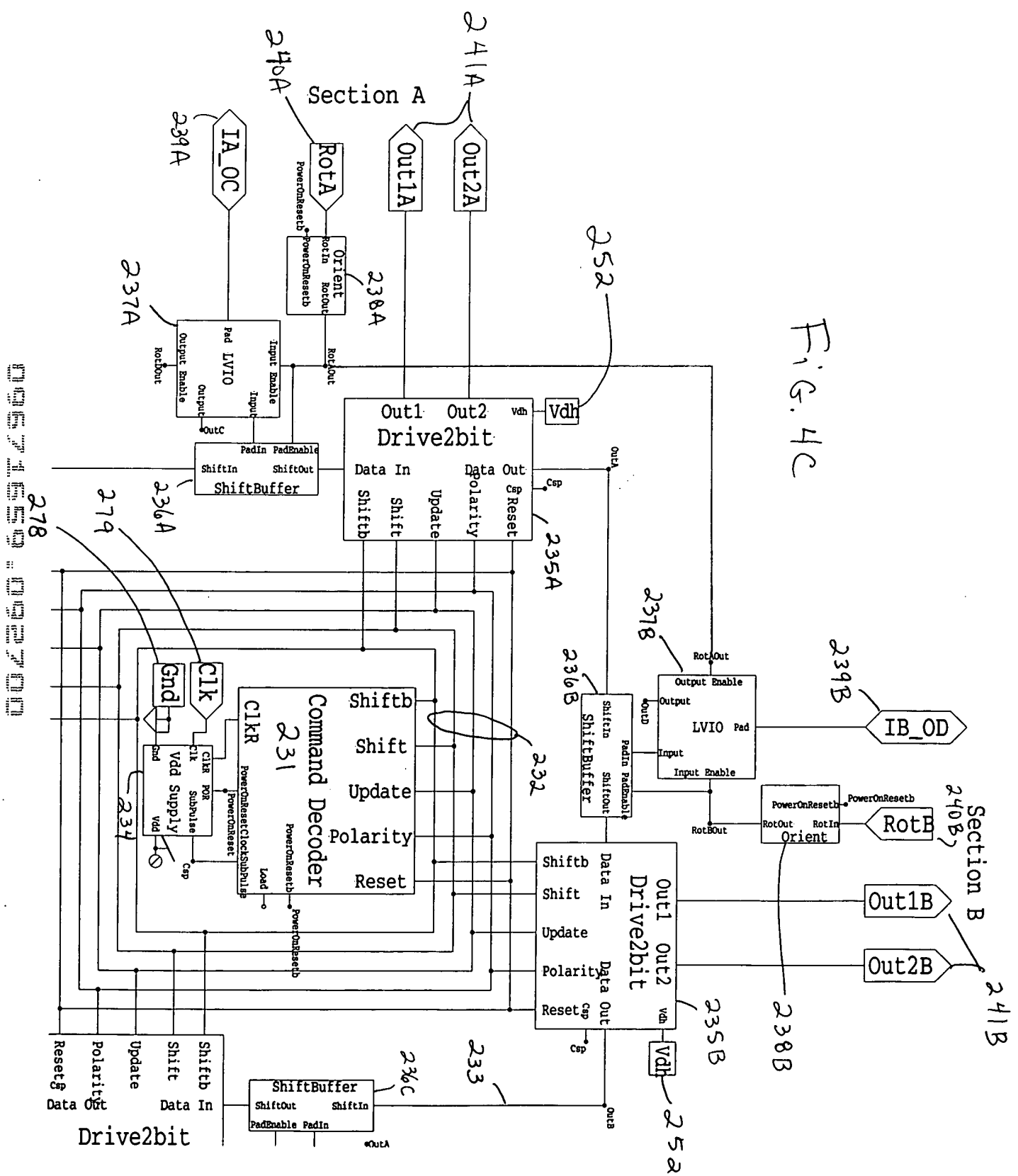


FIG. 5A

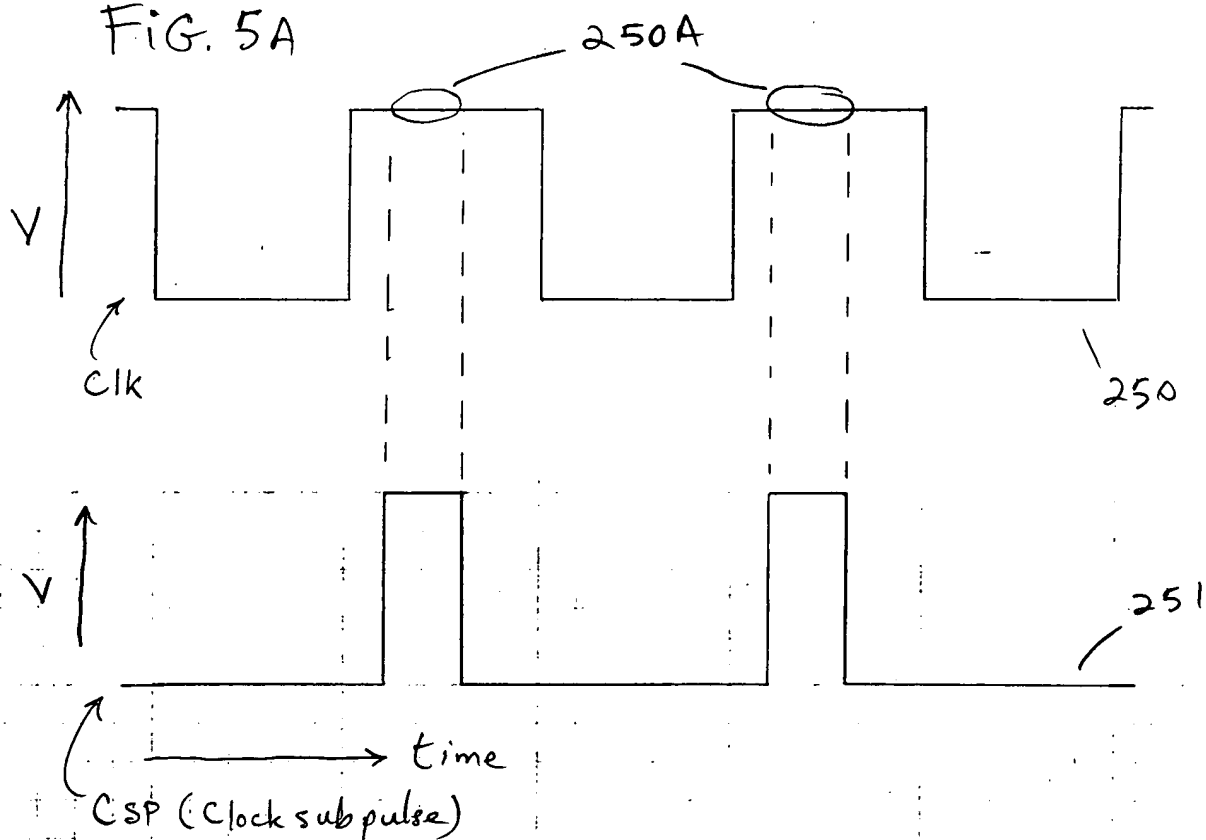
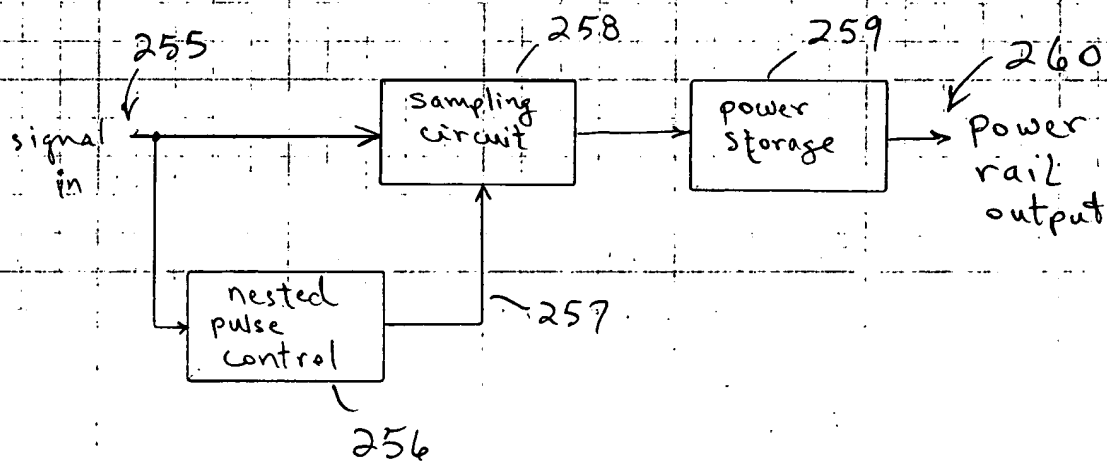
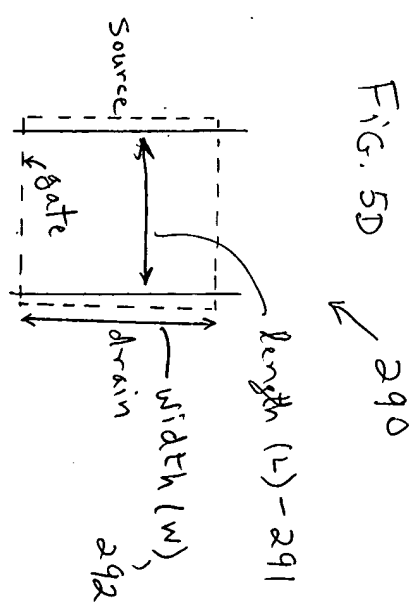
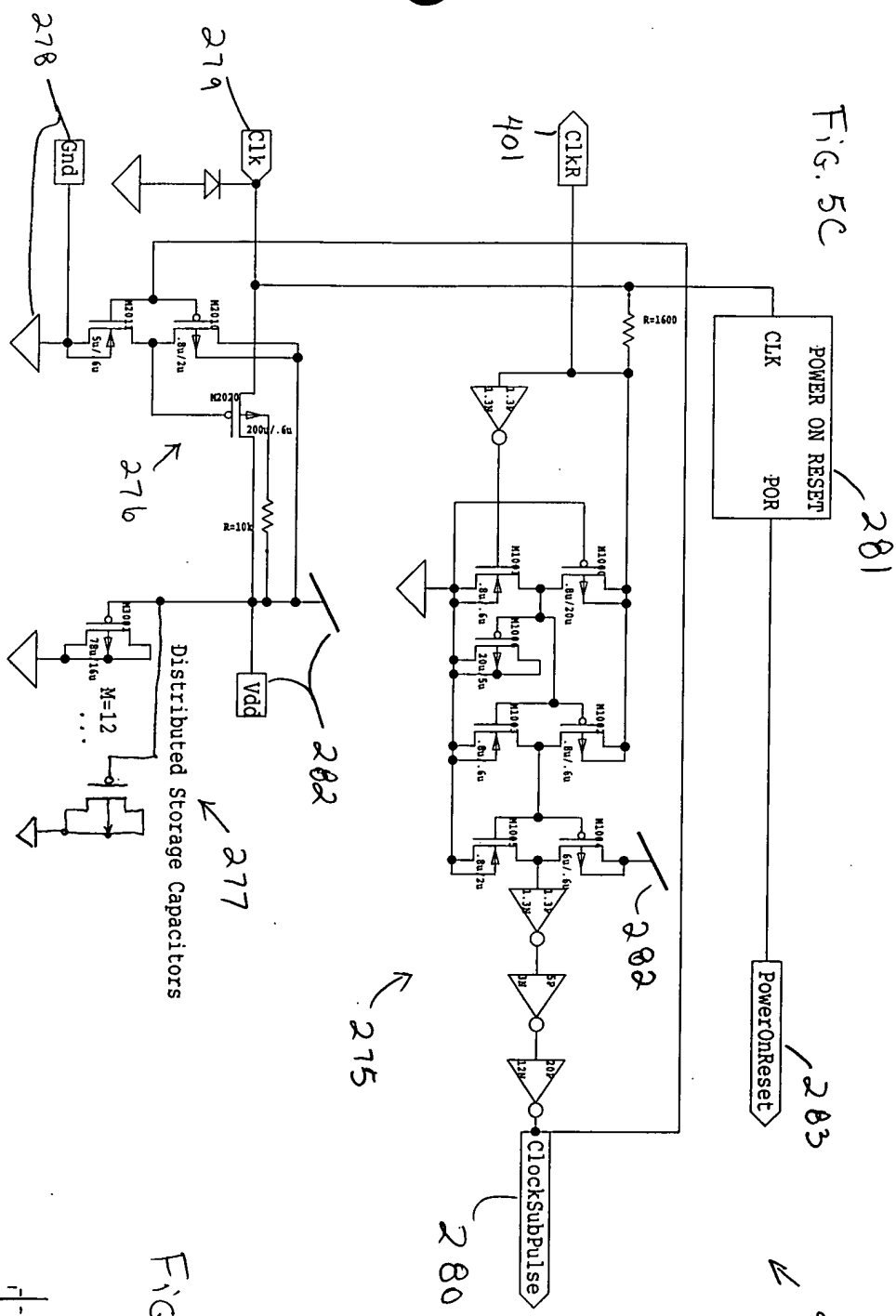


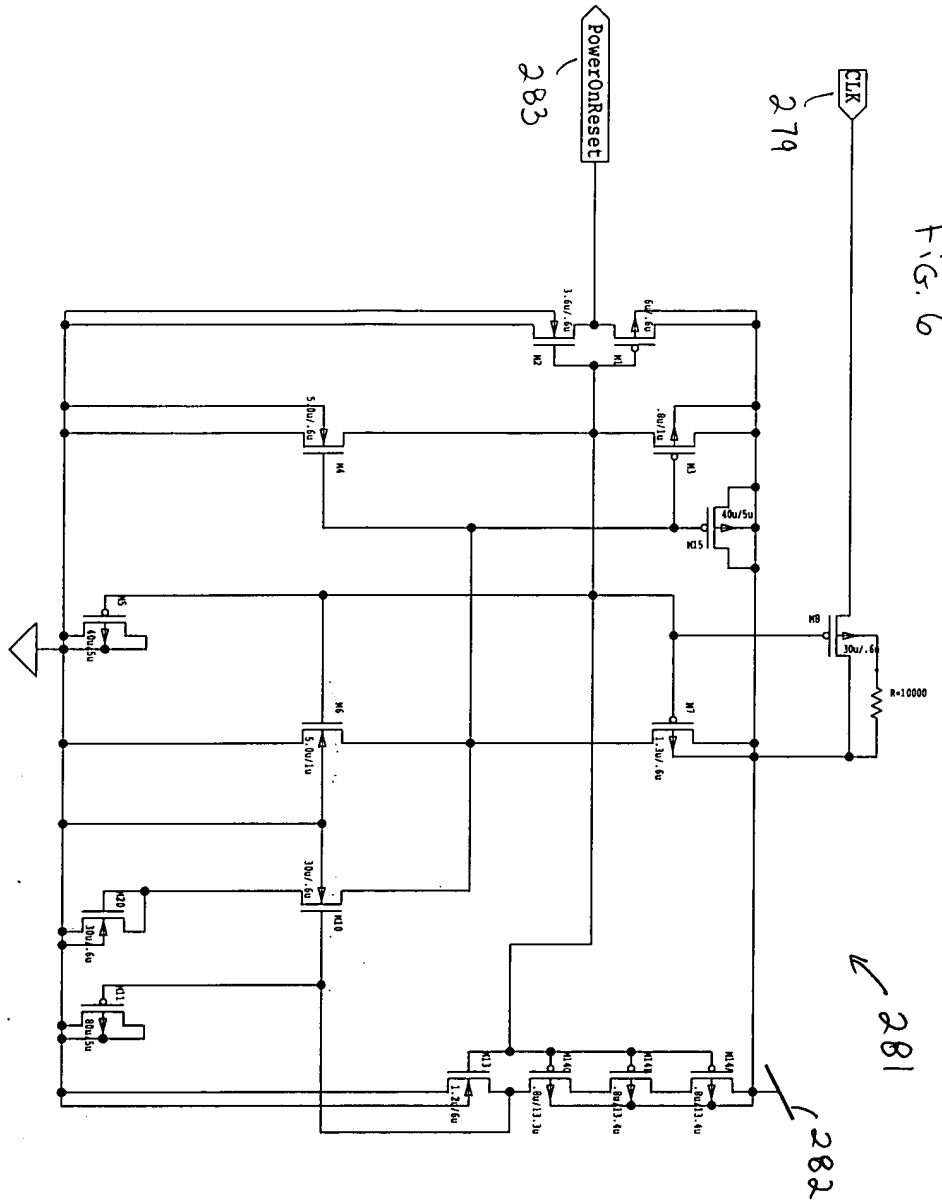
FIG. 5B





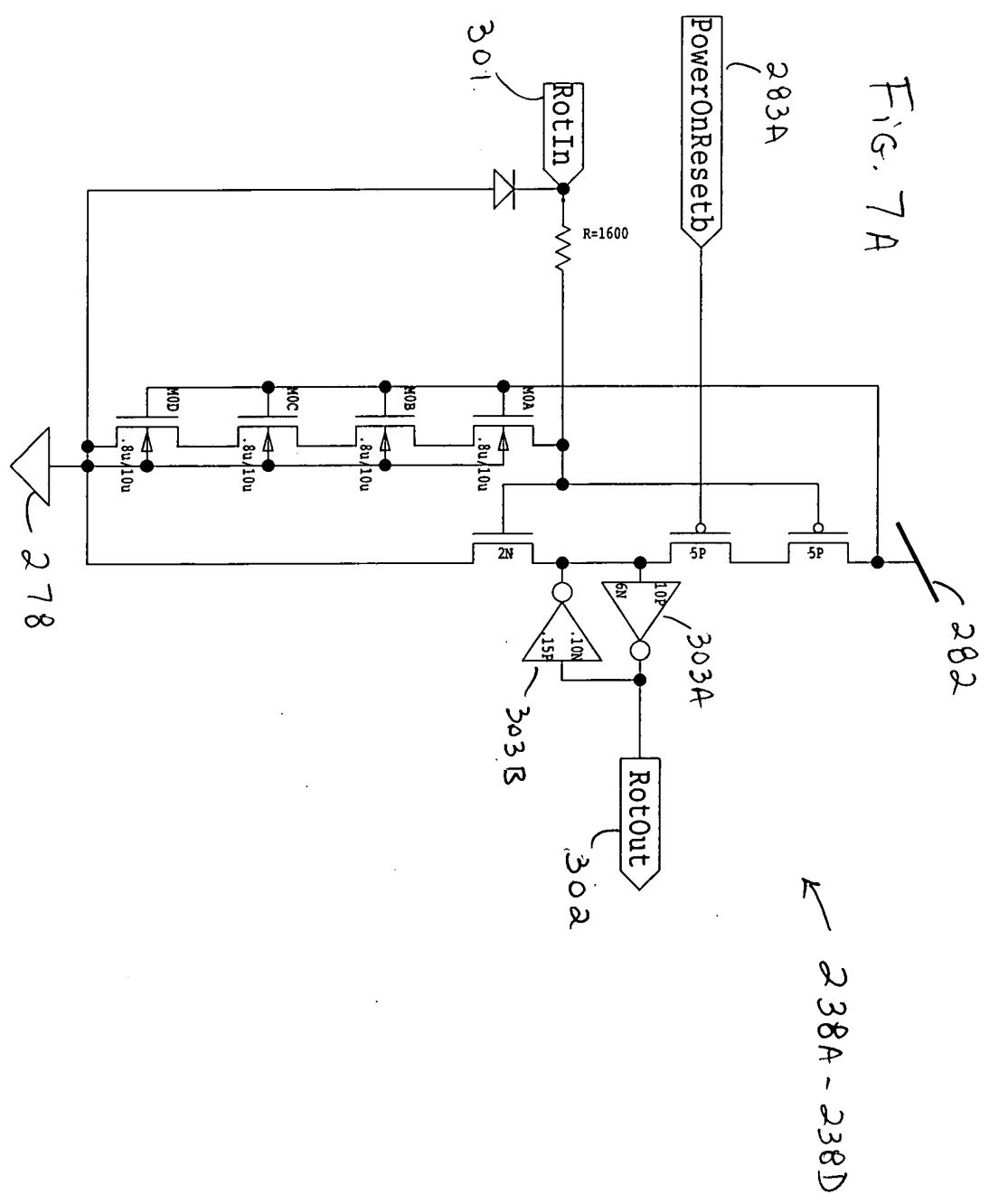
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FIG. 6



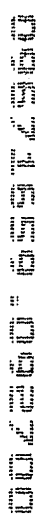
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FIG. 7A



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237A-237D



002200-0312353

FIG. 9A

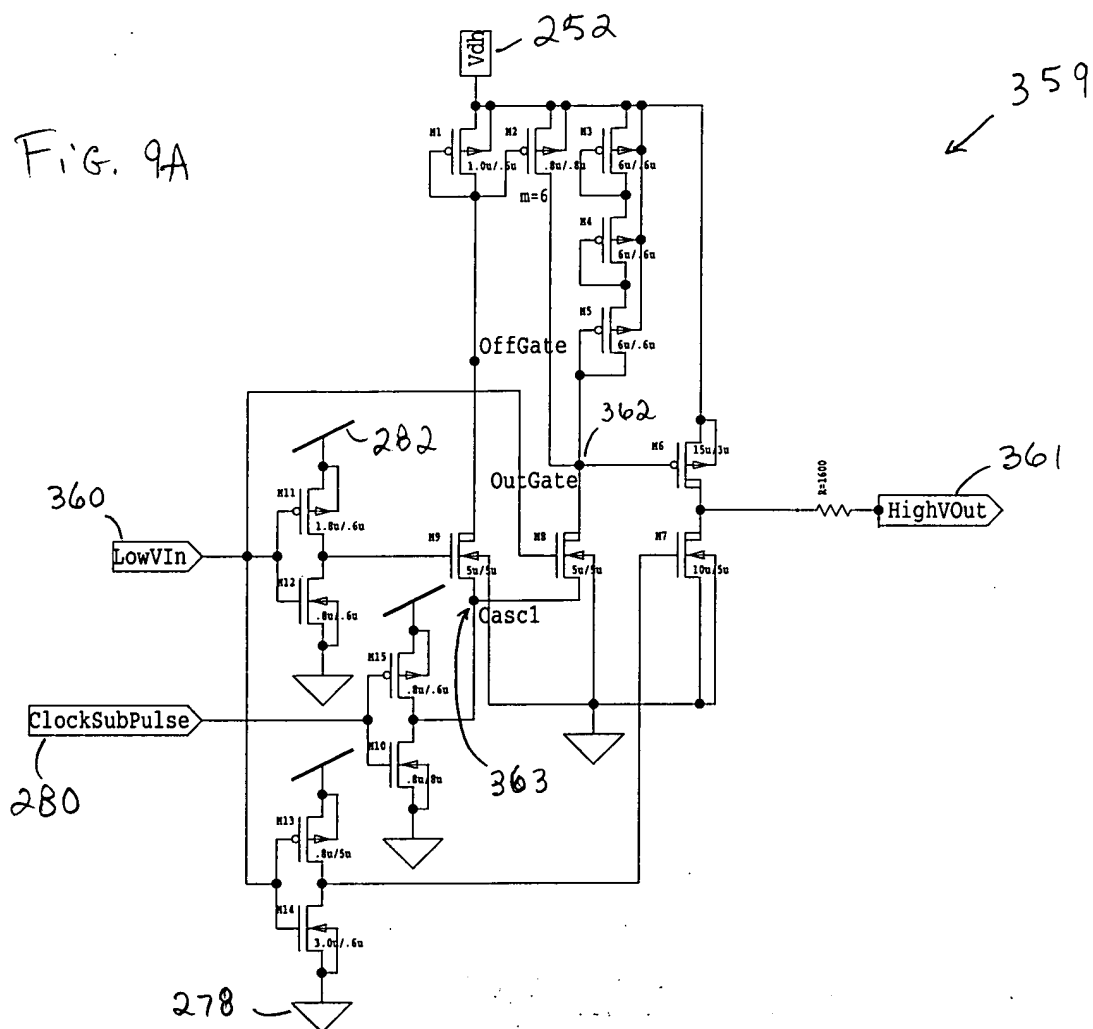


FIG. 10

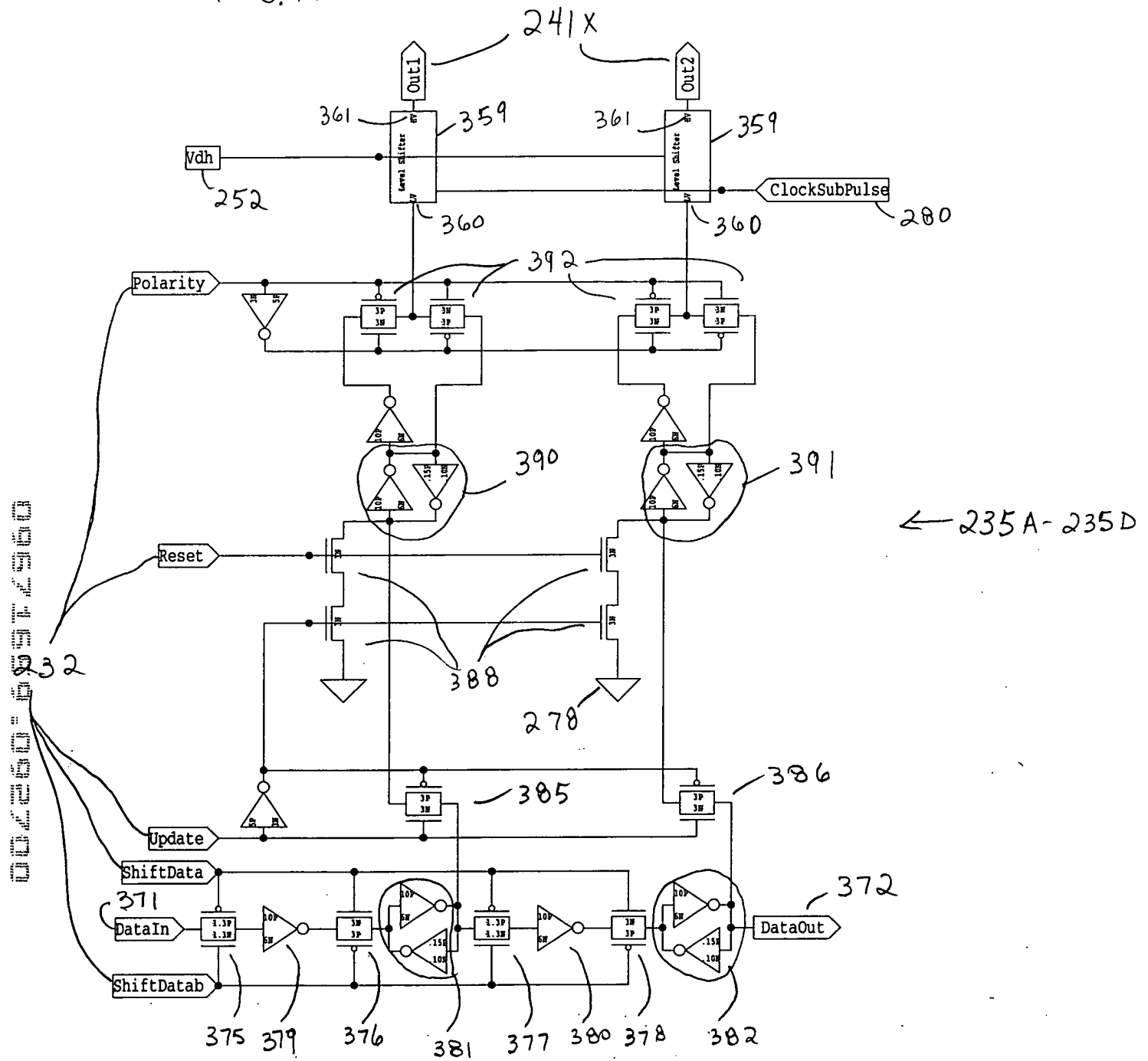


FIG. 11B

Command Decoder Timing

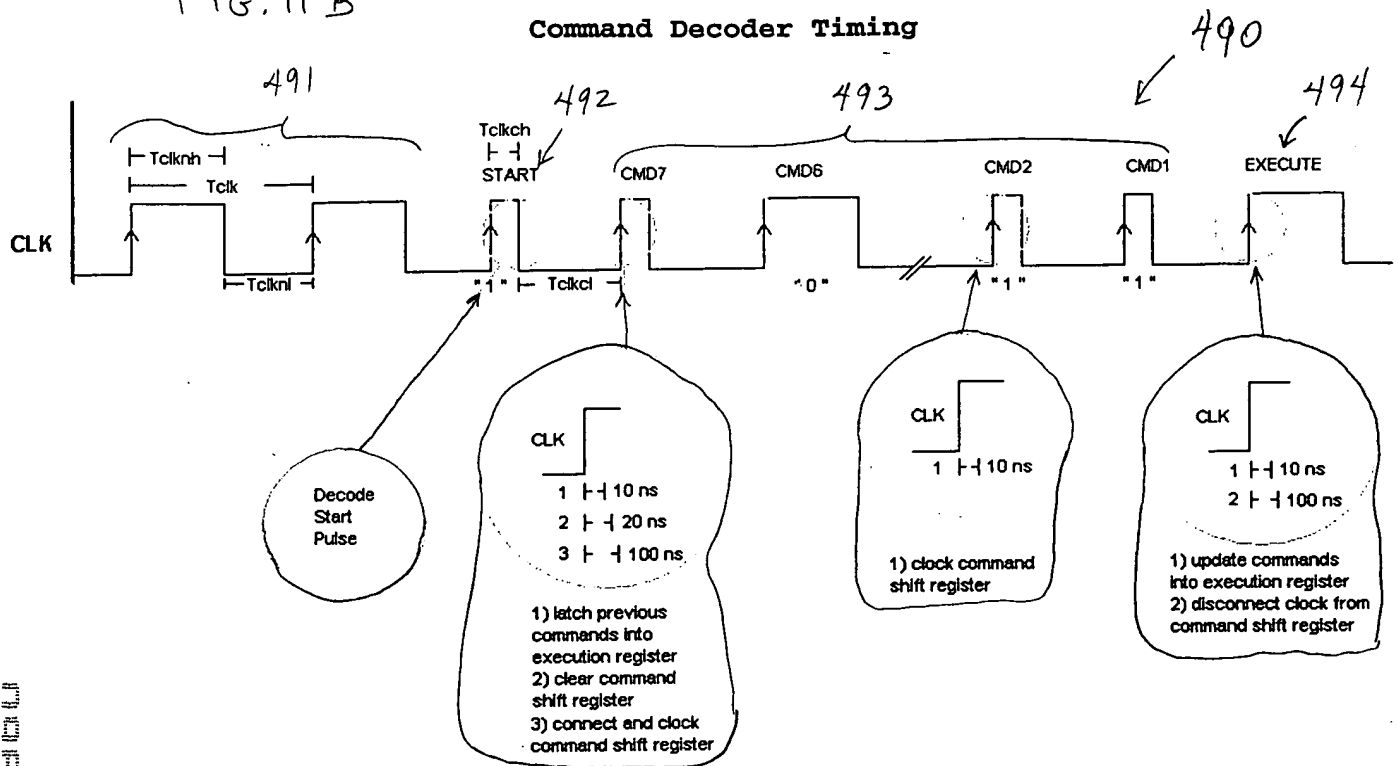
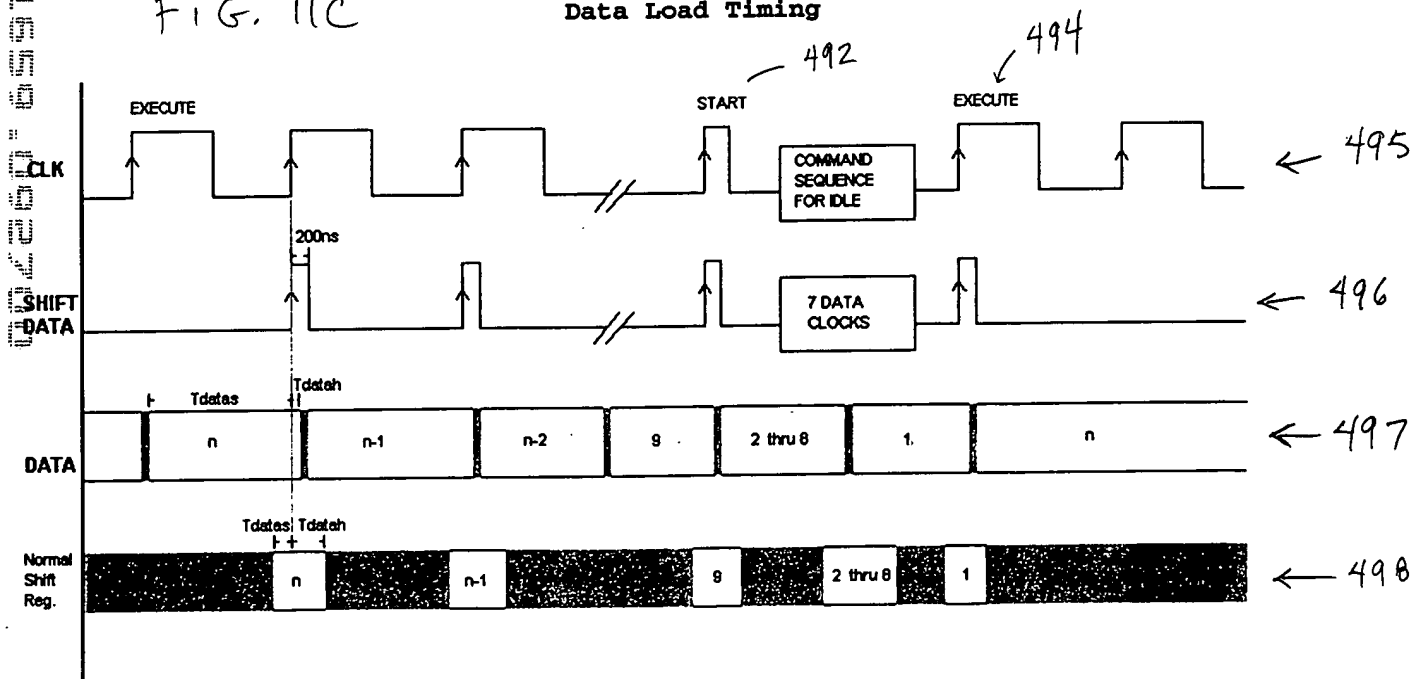


FIG. 11C

Data Load Timing



- n is the total number of data values for all daisy-chained device blocks.
(example: n = 32 for 4 device blocks).
- data must be low upon start-up and through the first command sequence.

13-782	500 SHEETS, FILLER	5 SQUARE
42-381	50 SHEETS EYE-EASE*	5 SQUARE
42-382	100 SHEETS EYE-EASE*	5 SQUARE
42-389	200 SHEETS EYE-EASE*	5 SQUARE
42-392	100 RECYCLED WHITE	5 SQUARE
42-399	200 RECYCLED WHITE	5 SQUARE

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FIG 11 E

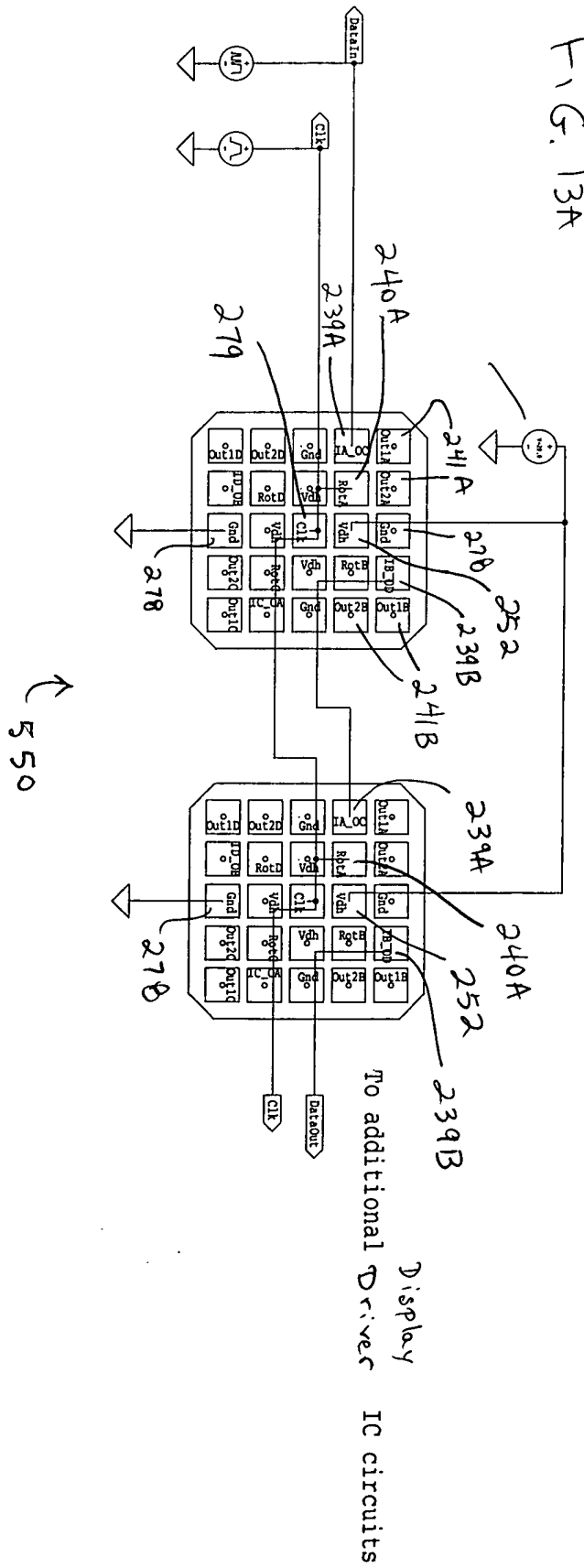
520
Power Up reset occurs -- default state loads/shifts display data into display drivers which include shift register storage elements

521
Data shifted in is displayed (may be displayed as data is being shifted in or after all data has been shifted in)

522
manipulate/control display with commands to decoders in display drivers
e.g. reset display [clears screen];
or change polarity [e.g. for nematic liquid crystal display material]; or
set update to "low" to load new data and then set update to "high" to display new data

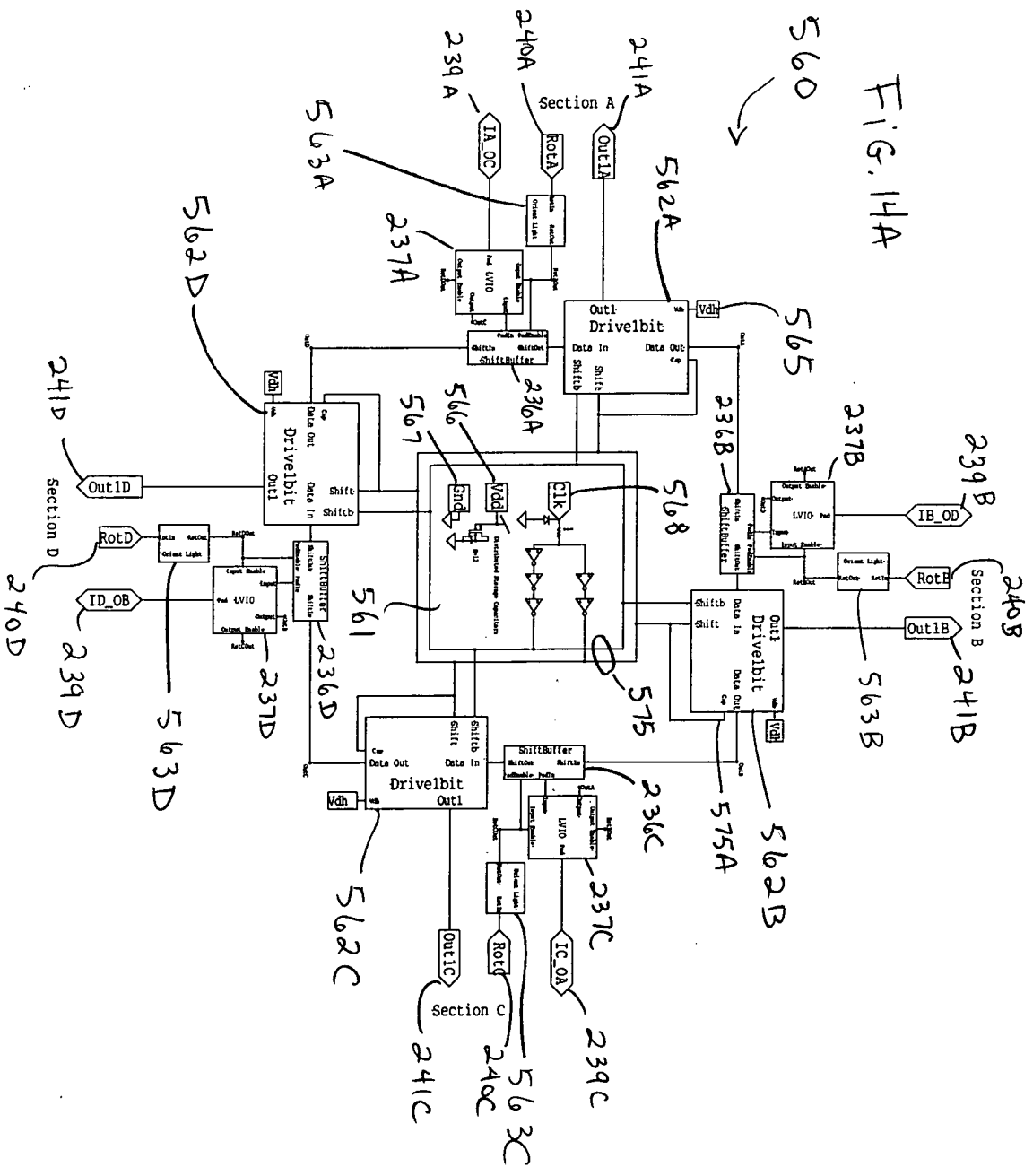
[illegible]

Fig. 13A



Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

FIG. 14A



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FIG. 14B

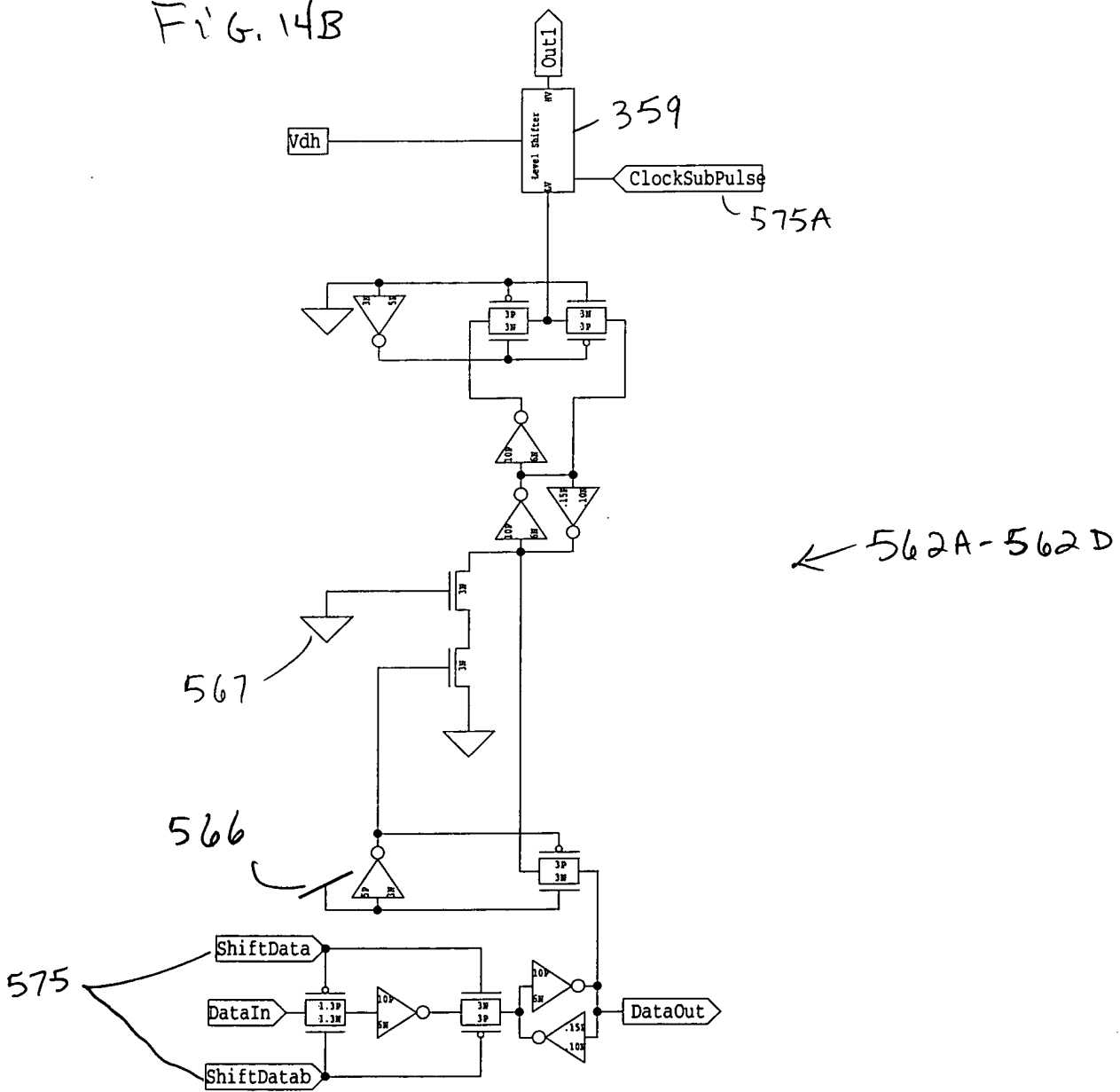
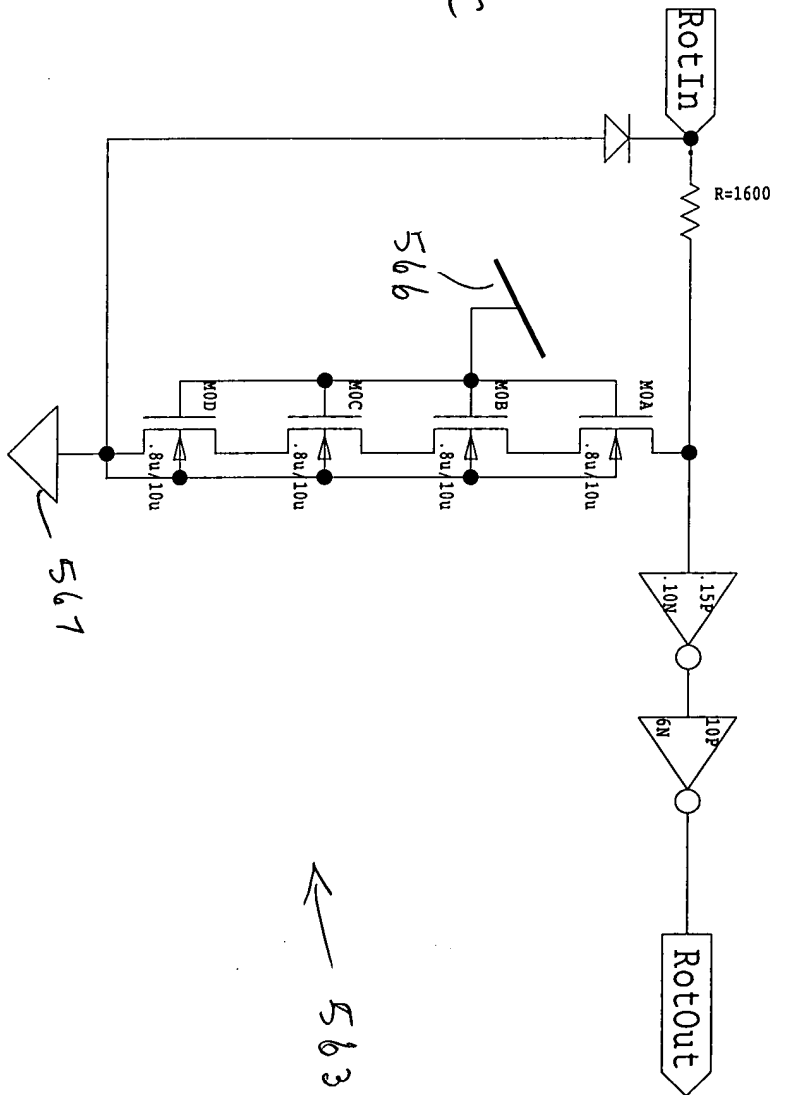


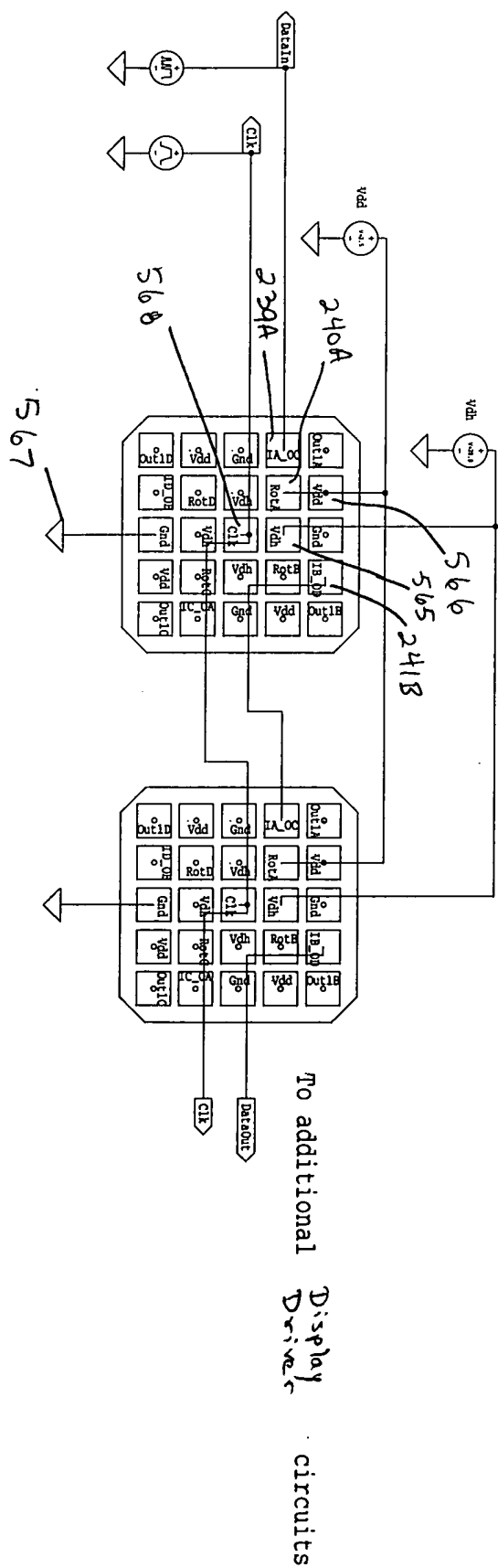
FIG. 14C



← 563A - 563D

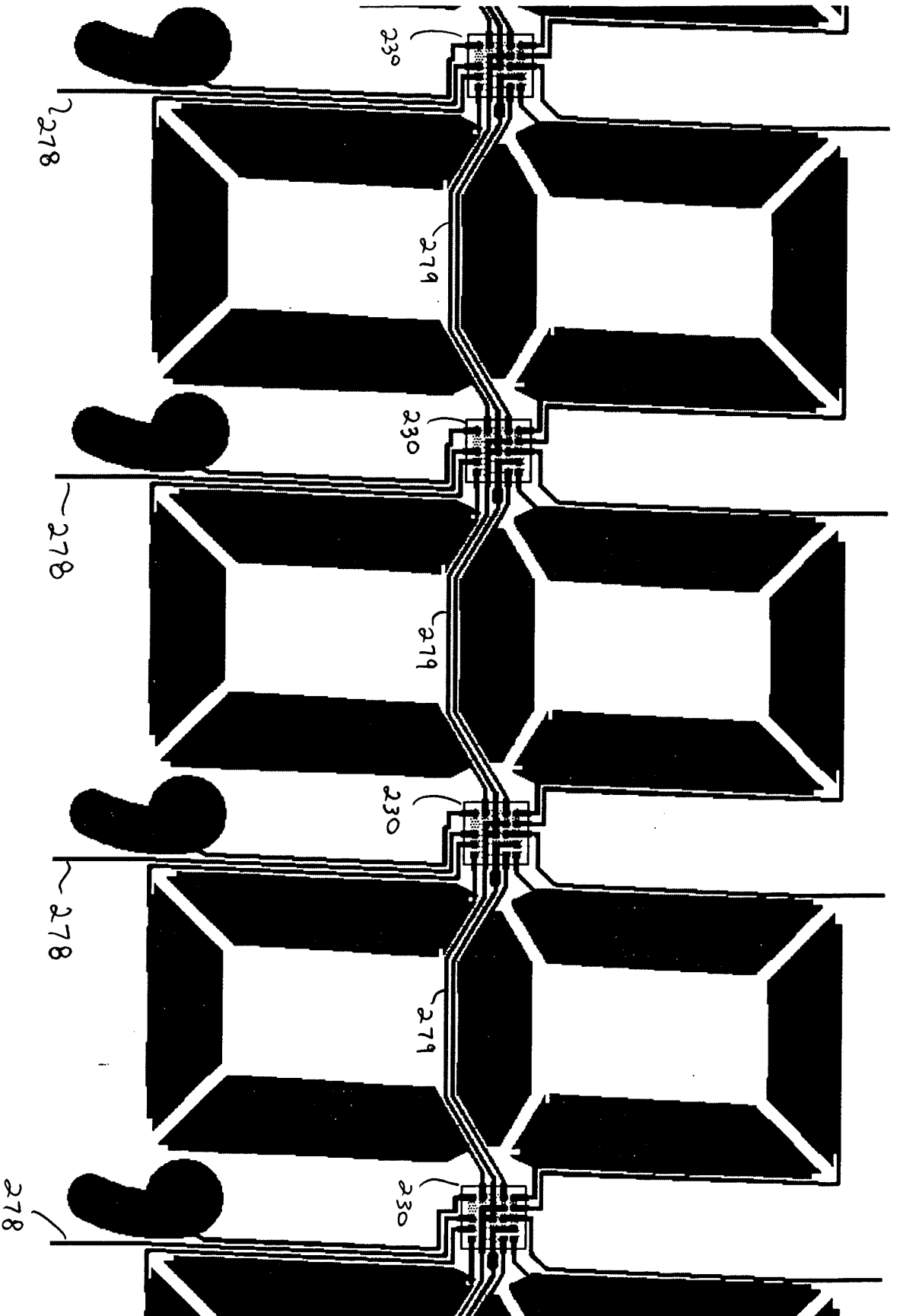
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FIG. 15B



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